

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070429.D
 Acq On : 3 Jan 2022 11:25
 Operator : JC/MD
 Sample : VN0103WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBL01

Quant Time: Jan 04 01:29:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

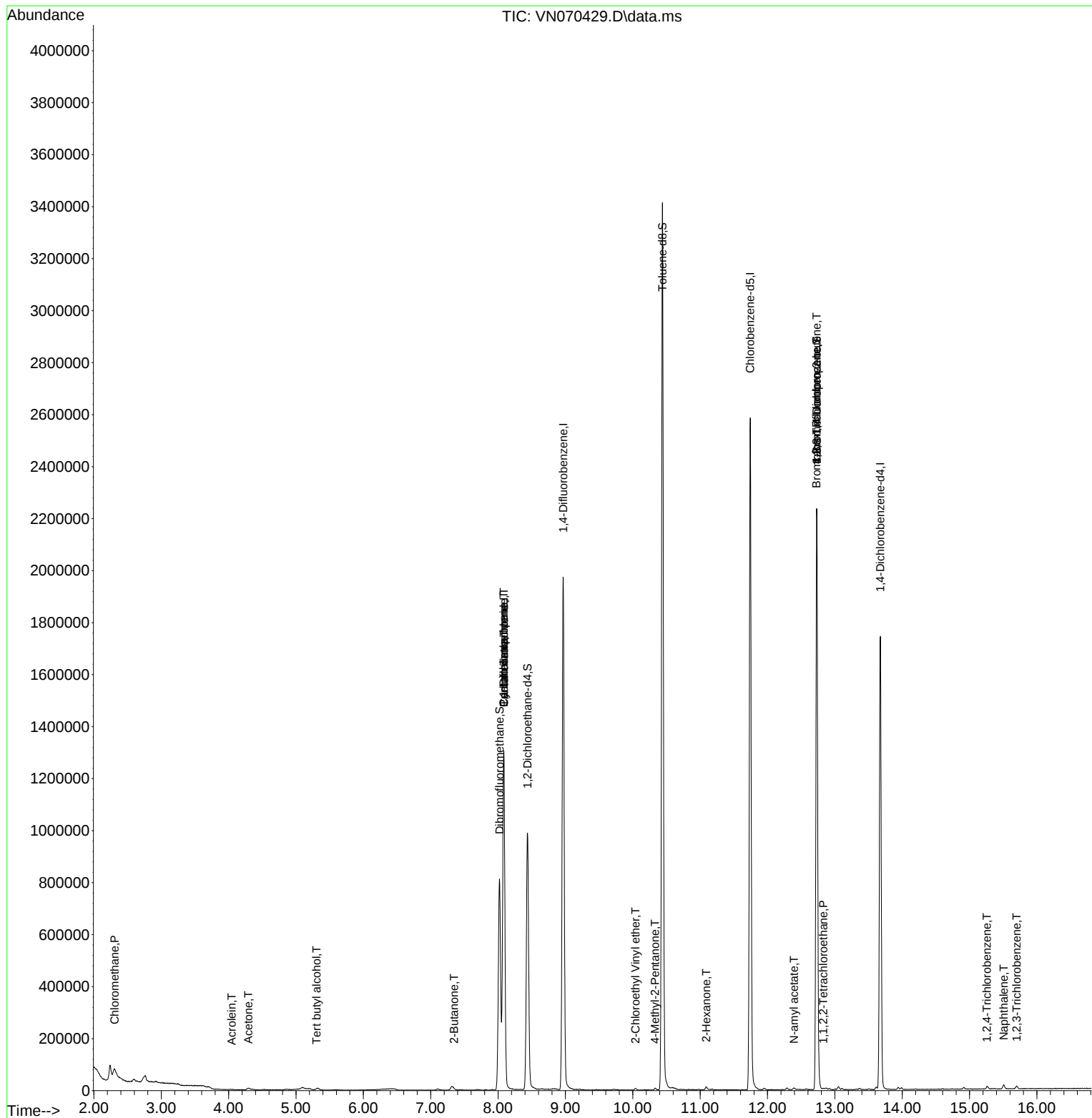
Internal Standards						
1) Pentafluorobenzene	8.086	168	1012195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1719688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1515413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	491685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	843067	57.929	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	115.860%
35) Dibromofluoromethane	8.021	113	596325	57.312	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	114.620%
50) Toluene-d8	10.440	98	2359774	55.517	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	111.040%
62) 4-Bromofluorobenzene	12.731	95	816795	53.204	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.400%
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	4868	0.312	ug/l	98
11) Tert butyl alcohol	5.304	59	2785	1.149	ug/l #	71
13) Acrolein	4.044	56	404	0.205	ug/l #	49
16) Acetone	4.293	43	7870	0.833	ug/l	96
25) 2-Butanone	7.345	43	4325	0.364	ug/l	98
31) Cyclohexane	8.086	56	23941	1.042	ug/l #	18
36) 1,1-Dichloropropene	8.083	75	81384	4.728	ug/l #	48
38) Carbon Tetrachloride	8.086	117	99217	6.037	ug/l #	16
51) 4-Methyl-2-Pentanone	10.330	43	5536	0.250	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.041	63	2922	19.020	ug/l	93
59) 2-Hexanone	11.092	43	10884	0.675	ug/l	78
71) Bromoform	12.728	173	4789	0.562	ug/l #	1
74) N-amyl acetate	12.393	43	4924	0.256	ug/l #	72
75) 1,1,2,2-Tetrachloroethane	12.830	83	1254	0.522	ug/l #	92
76) 1,2,3-Trichloropropane	12.731	75	426353	30.422	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	426353	105.943	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.257	180	3582	0.442	ug/l	91
95) Naphthalene	15.507	128	14056	2.402	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.700	180	4407	1.385	ug/l	91

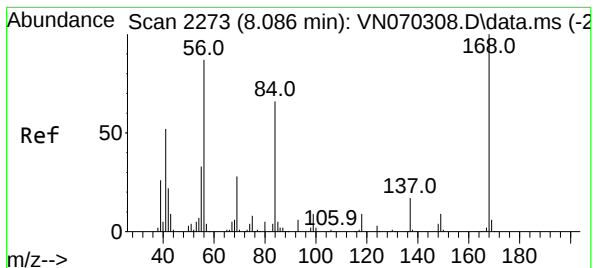
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070429.D

Acq: 3 Jan 2022 11:25

Instrument :

MSVOA_N

ClientSampleId :

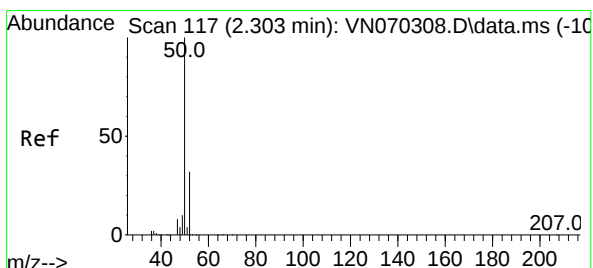
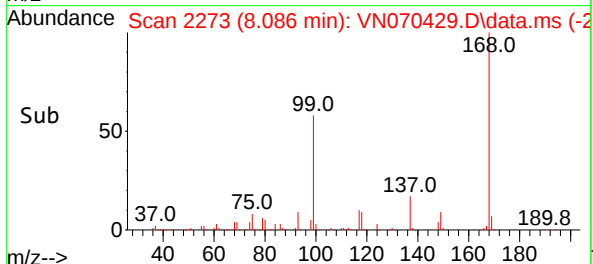
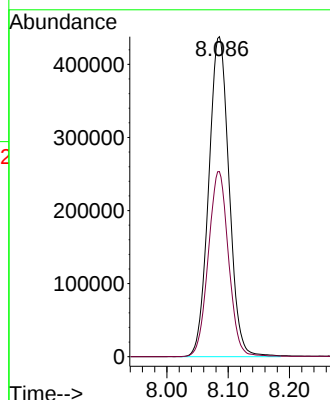
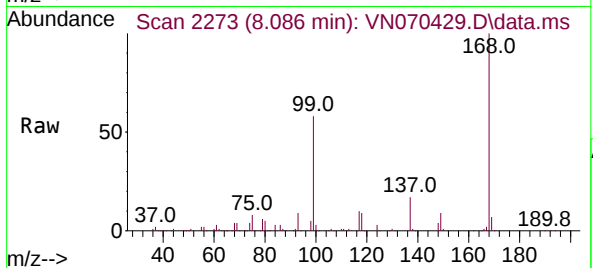
VN0103WBL01

Tgt Ion:168 Resp: 1012195

Ion Ratio Lower Upper

168 100

99 57.8 41.3 61.9



#3

Chloromethane

Concen: 0.312 ug/l

RT: 2.306 min Scan# 118

Delta R.T. 0.003 min

Lab File: VN070429.D

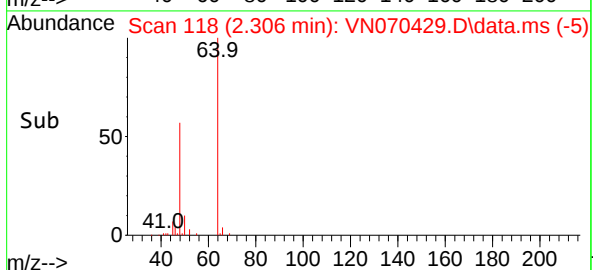
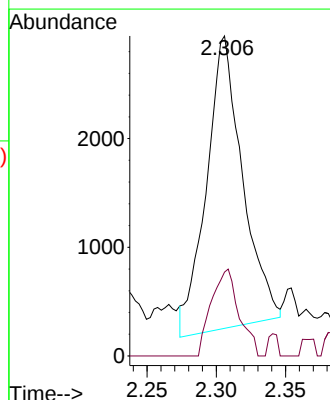
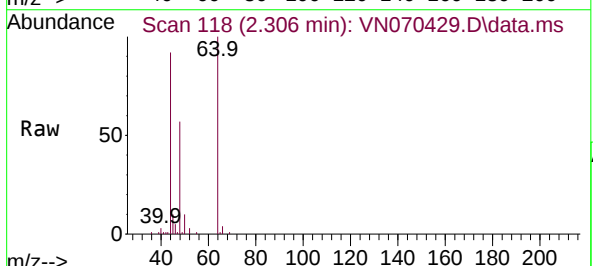
Acq: 3 Jan 2022 11:25

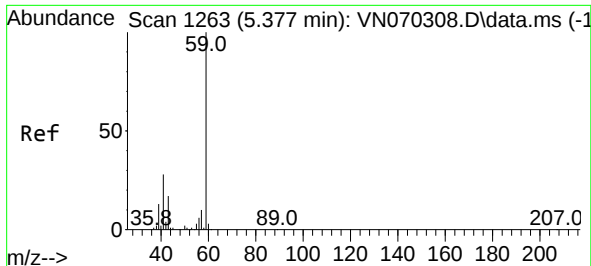
Tgt Ion: 50 Resp: 4868

Ion Ratio Lower Upper

50 100

52 30.6 25.4 38.0





#11

Tert butyl alcohol

Concen: 1.149 ug/l

RT: 5.304 min Scan# 11

Delta R.T. -0.073 min

Lab File: VN070429.D

Acq: 3 Jan 2022 11:25

Instrument :

MSVOA_N

ClientSampleId :

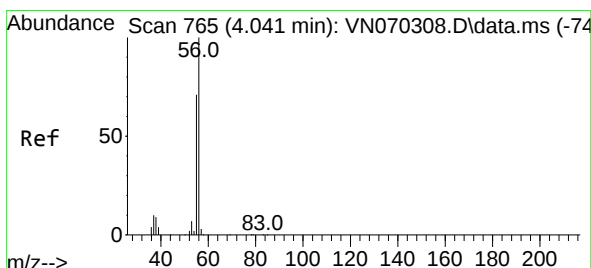
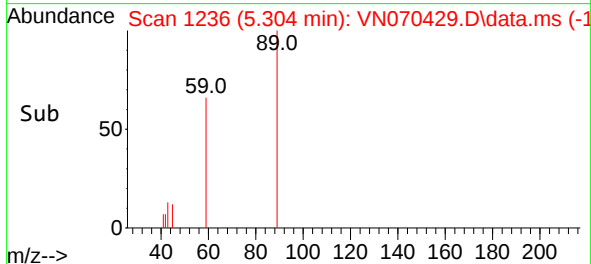
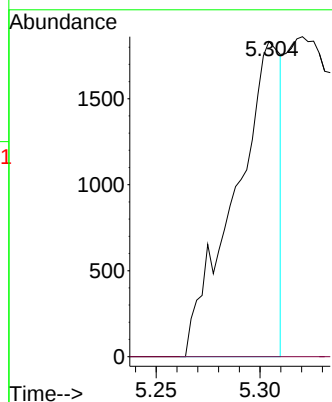
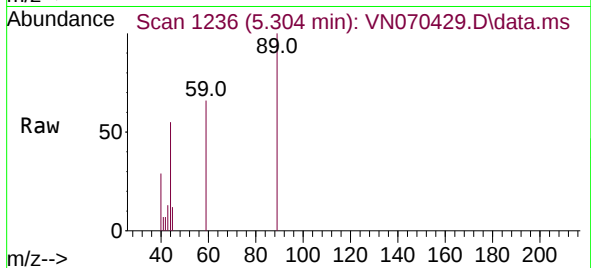
VN0103WBL01

Tgt Ion: 59 Resp: 2785

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#13

Acrolein

Concen: 0.205 ug/l

RT: 4.044 min Scan# 766

Delta R.T. 0.003 min

Lab File: VN070429.D

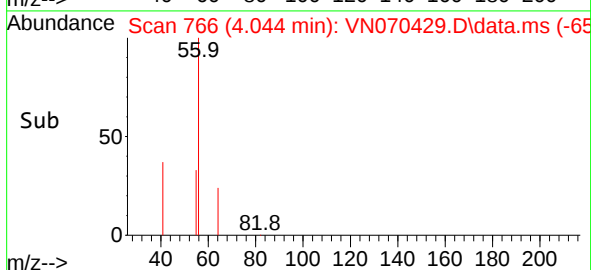
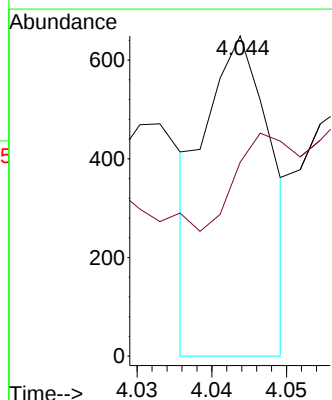
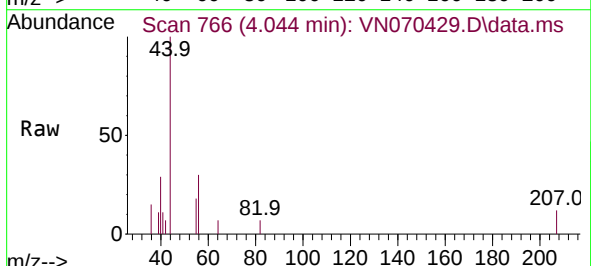
Acq: 3 Jan 2022 11:25

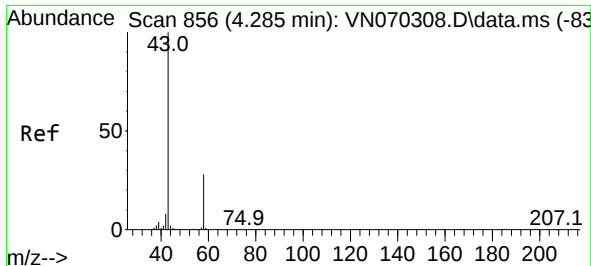
Tgt Ion: 56 Resp: 404

Ion Ratio Lower Upper

56 100

55 28.5 56.6 85.0#

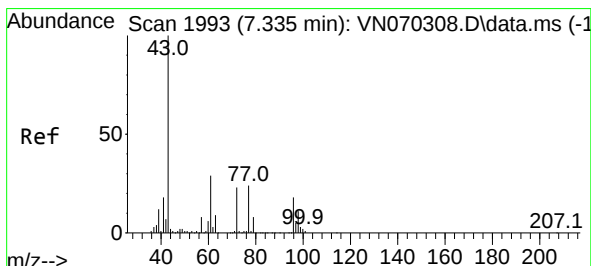
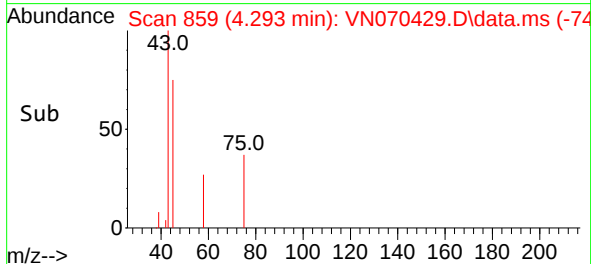
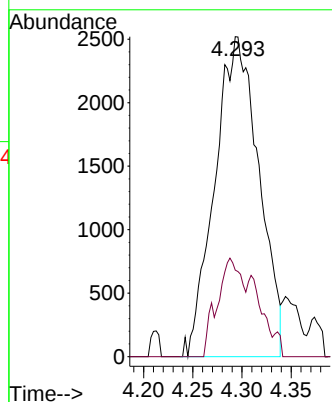
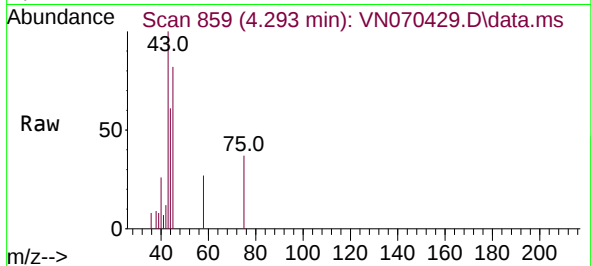




#16
Acetone
Concen: 0.833 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

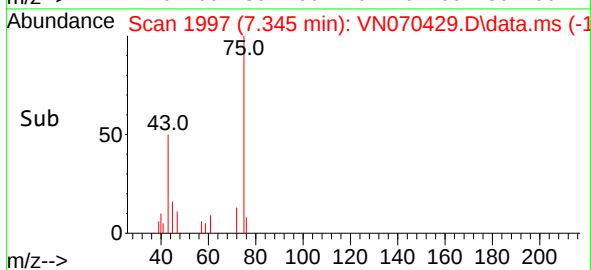
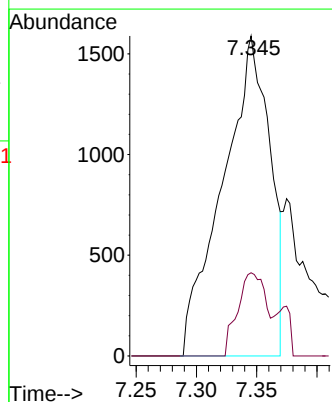
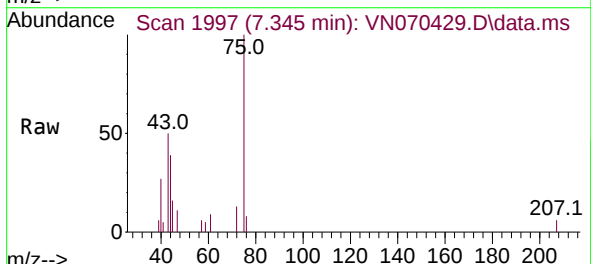
Instrument :
MSVOA_N
ClientSampleId :
VN0103WBL01

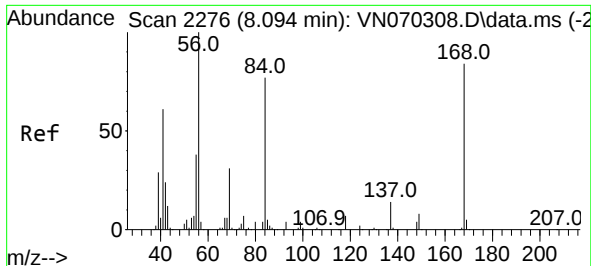
Tgt Ion: 43 Resp: 7870
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7



#25
2-Butanone
Concen: 0.364 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.010 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

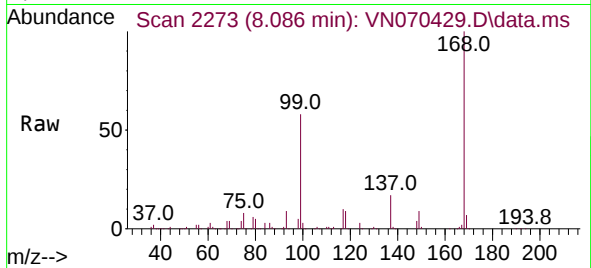
Tgt Ion: 43 Resp: 4325
Ion Ratio Lower Upper
43 100
72 26.0 21.7 32.5



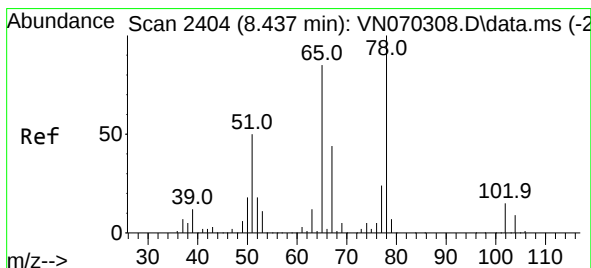
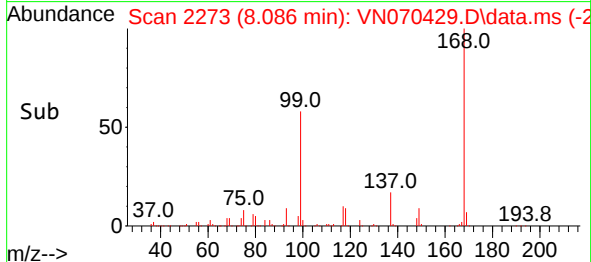
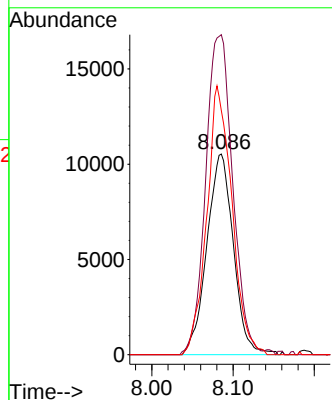


#31
Cyclohexane
Concen: 1.042 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

Instrument :
MSVOA_N
ClientSampleId :
VN0103WBL01

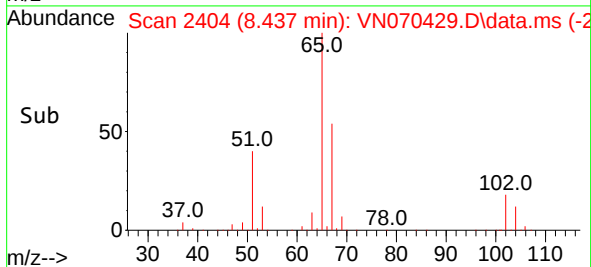
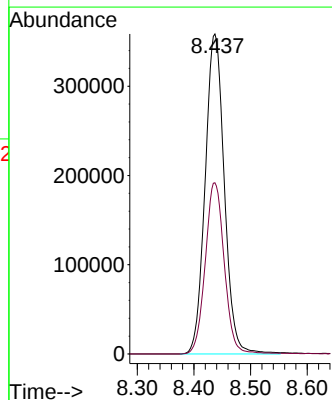
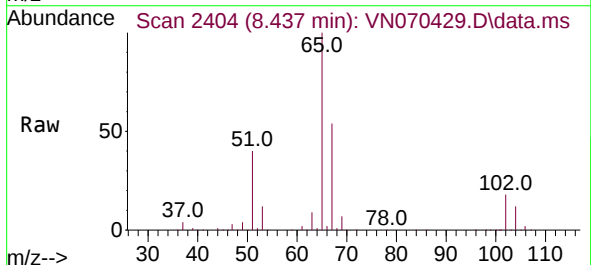


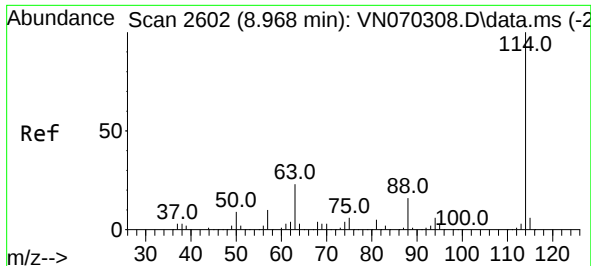
Tgt Ion: 56 Resp: 23941
Ion Ratio Lower Upper
56 100
69 159.4 27.1 40.7#
84 121.6 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 57.929 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

Tgt Ion: 65 Resp: 843067
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0

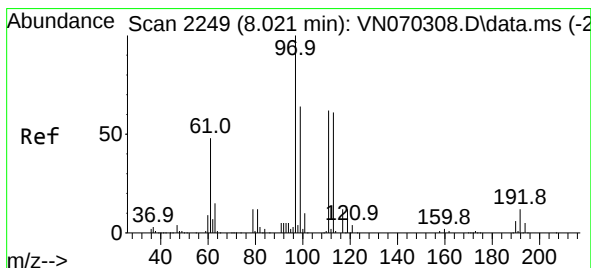
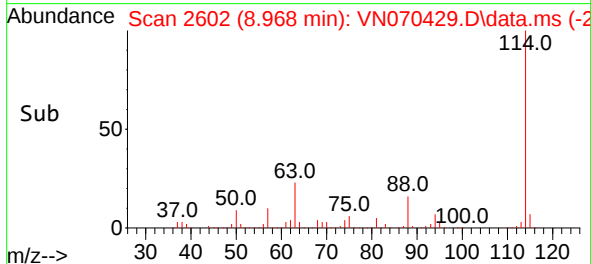
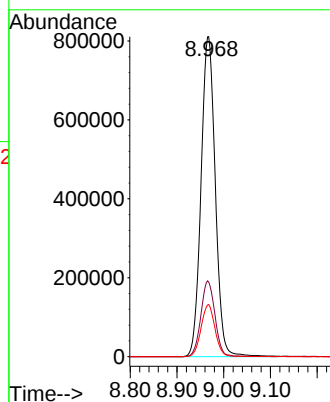
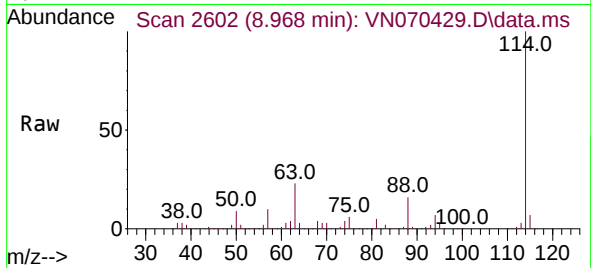




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

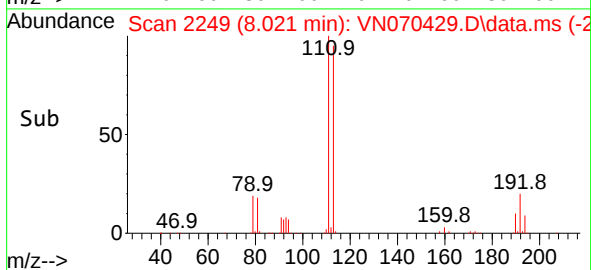
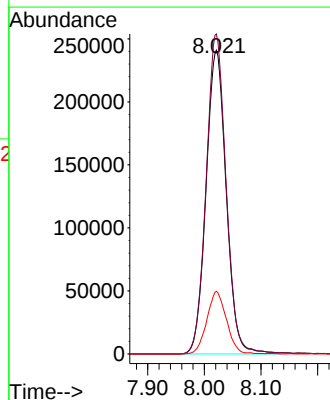
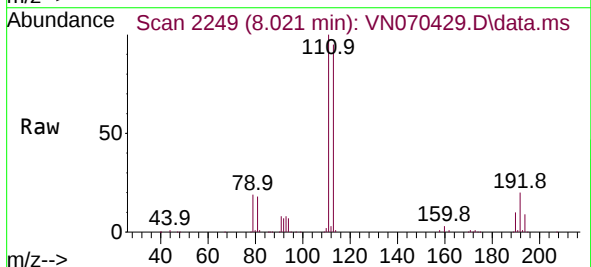
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ClientSampleId :
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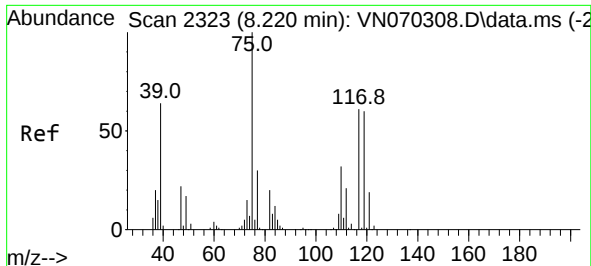
Tgt Ion:114 Resp: 1719688
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 57.312 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

Tgt Ion:113 Resp: 596325
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 19.9 16.9 25.3

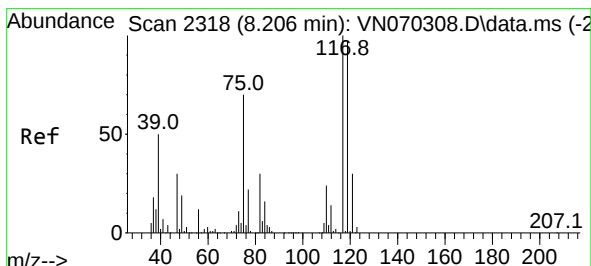
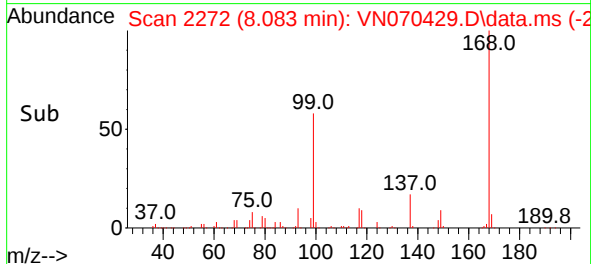
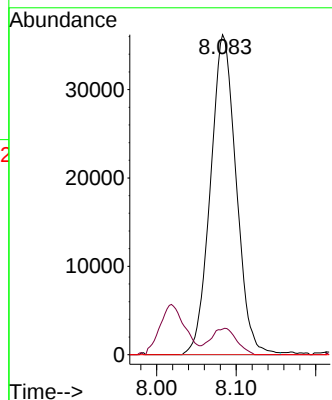
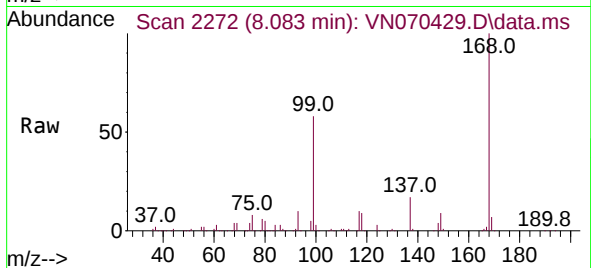




#36
1,1-Dichloropropene
Concen: 4.728 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.137 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

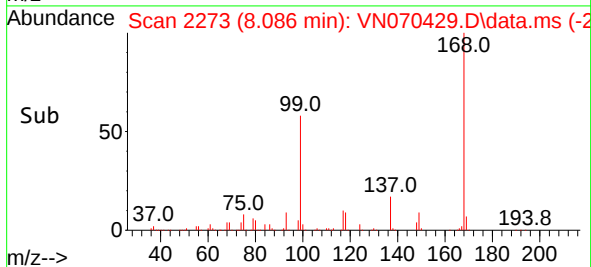
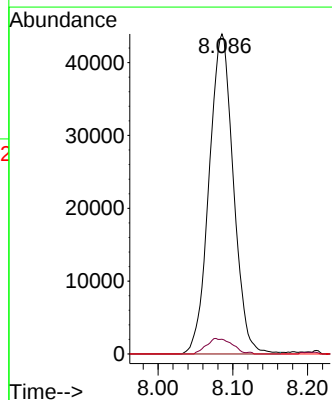
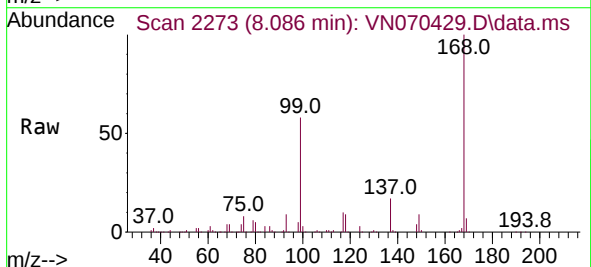
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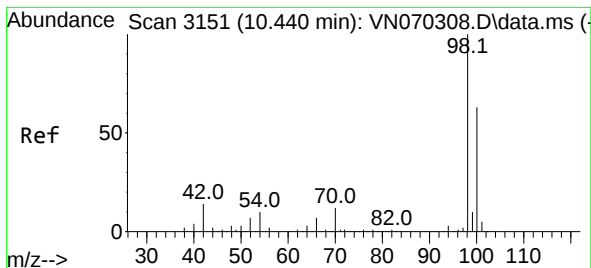
Tgt Ion: 75 Resp: 81384
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.037 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

Tgt Ion: 117 Resp: 99217
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 55.517 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070429.D

Acq: 3 Jan 2022 11:25

Instrument :

MSVOA_N

ClientSampleId :

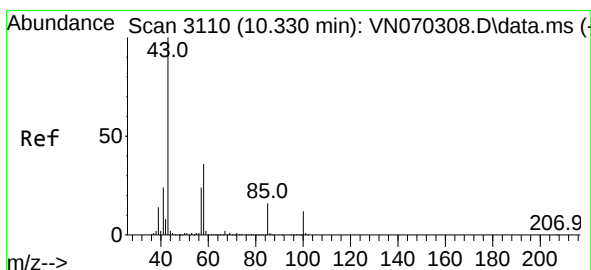
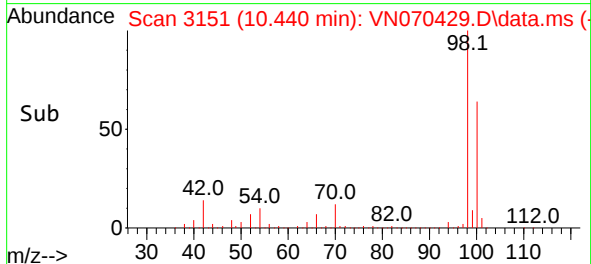
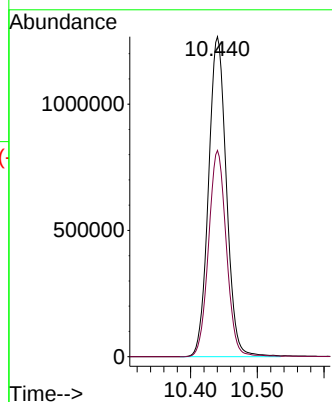
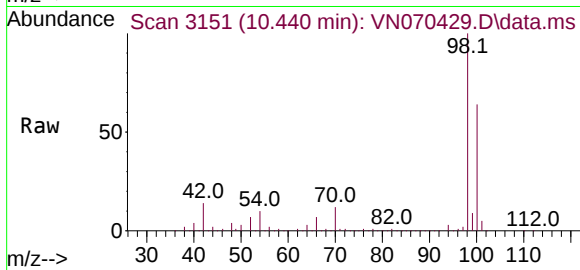
VN0103WBL01

Tgt Ion: 98 Resp: 2359774

Ion Ratio Lower Upper

98 100

100 64.2 50.4 75.6



#51

4-Methyl-2-Pentanone

Concen: 0.250 ug/l

RT: 10.330 min Scan# 3110

Delta R.T. 0.000 min

Lab File: VN070429.D

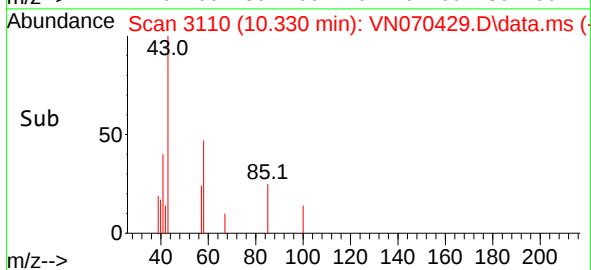
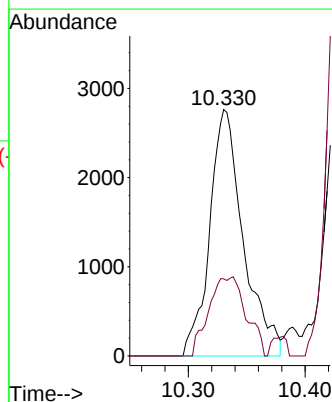
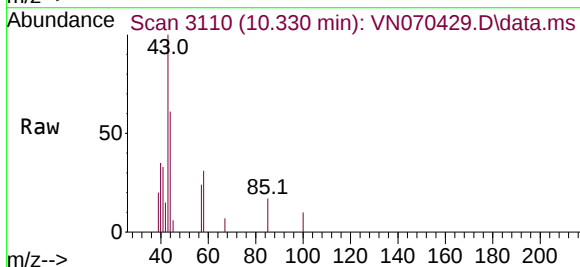
Acq: 3 Jan 2022 11:25

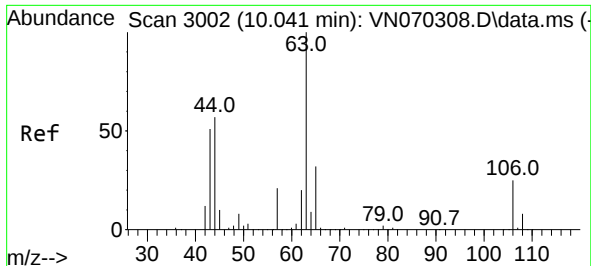
Tgt Ion: 43 Resp: 5536

Ion Ratio Lower Upper

43 100

58 35.5 30.4 45.6

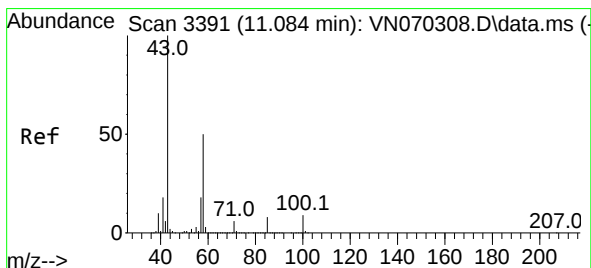
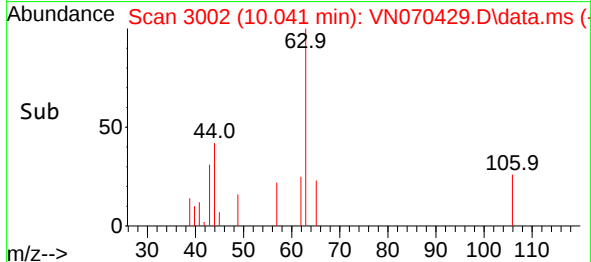
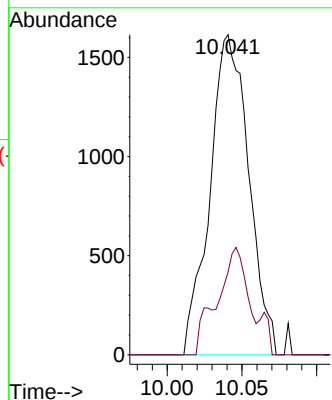
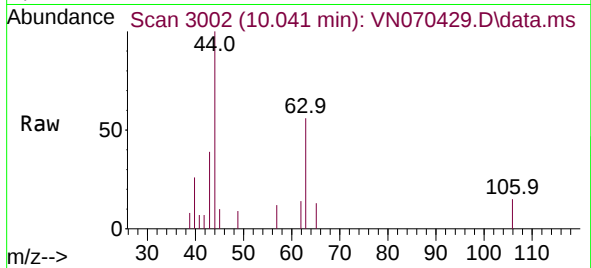




#58
2-Chloroethyl Vinyl ether
Concen: 19.020 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

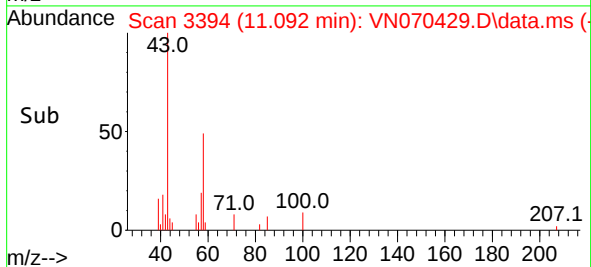
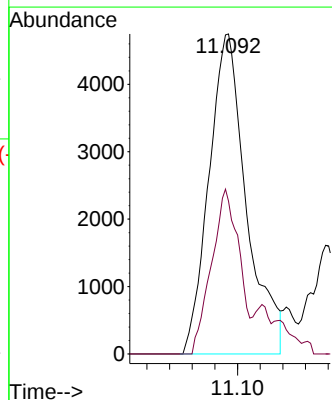
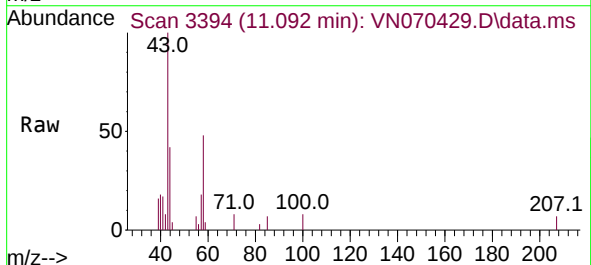
Instrument :
MSVOA_N
ClientSampleId :
VN0103WBL01

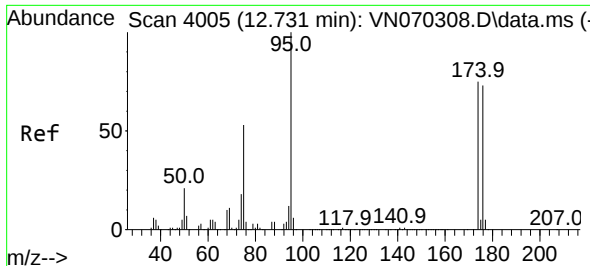
Tgt Ion: 63 Resp: 2922
Ion Ratio Lower Upper
63 100
106 26.1 23.9 35.9



#59
2-Hexanone
Concen: 0.675 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.008 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

Tgt Ion: 43 Resp: 10884
Ion Ratio Lower Upper
43 100
58 38.0 26.9 80.7

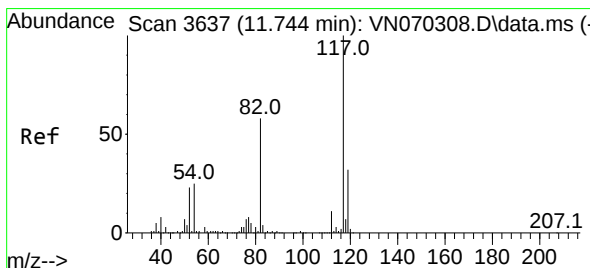
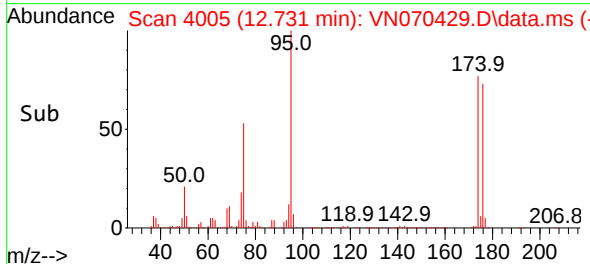
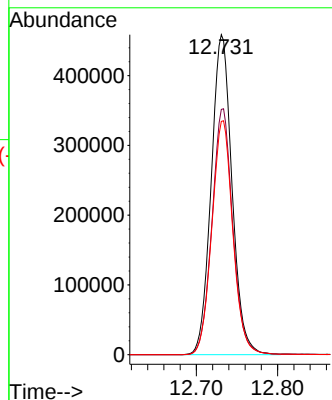
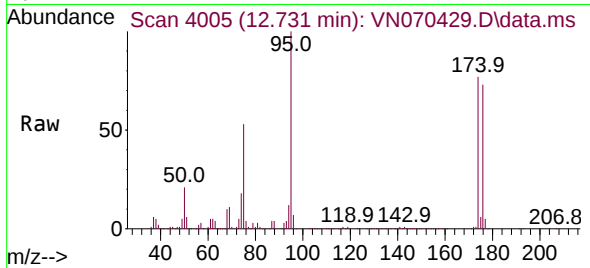




#62
4-Bromofluorobenzene
Concen: 53.204 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

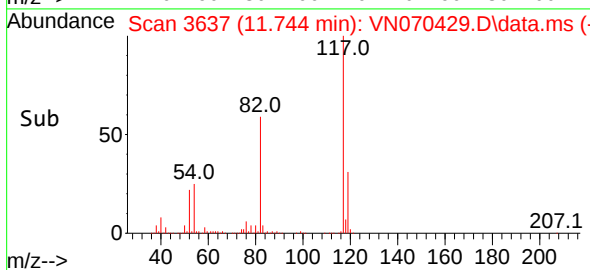
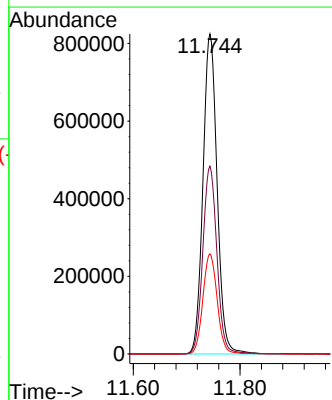
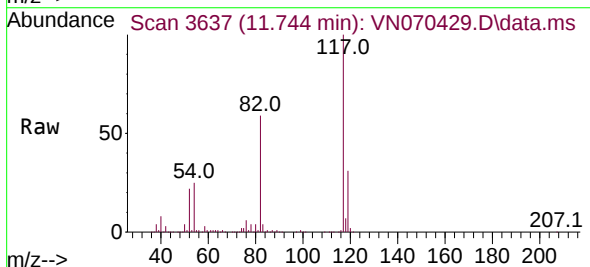
Instrument :
MSVOA_N
ClientSampleId :
VN0103WBL01

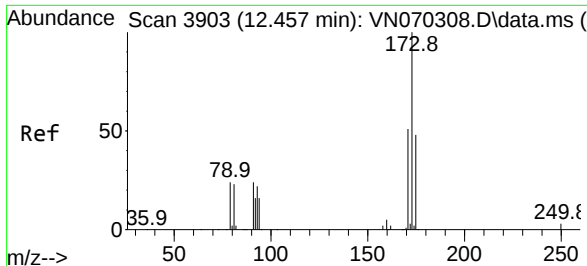
Tgt Ion: 95 Resp: 816795
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 73.7 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

Tgt Ion: 117 Resp: 1515413
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.3 25.4 38.2

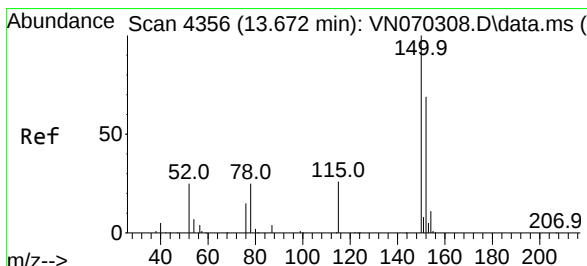
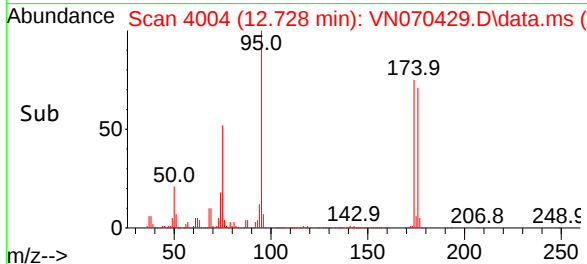
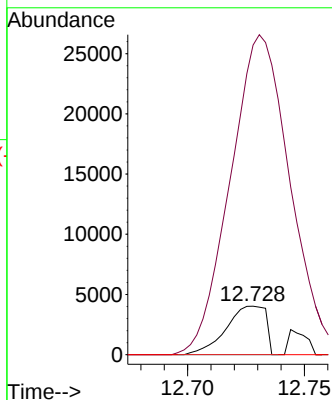
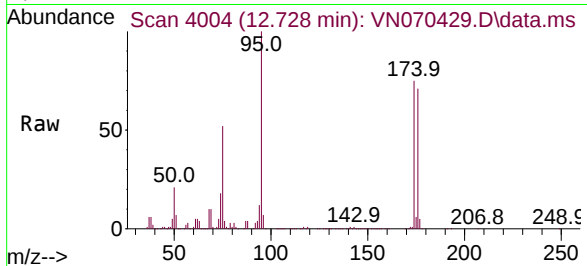




#71
Bromoform
Concen: 0.562 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.271 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

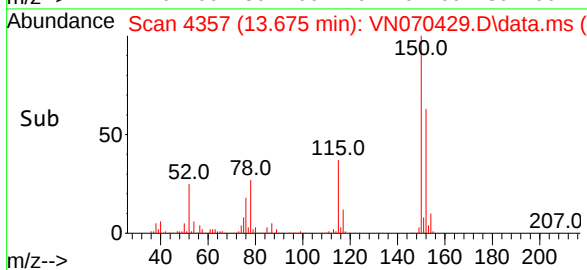
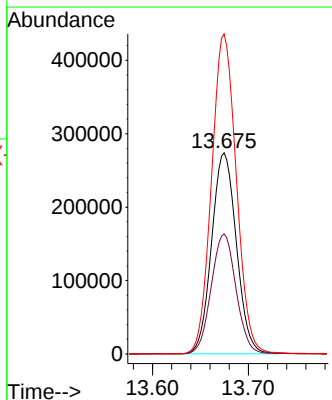
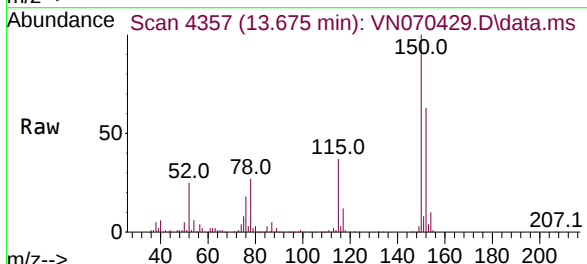
Instrument :
MSVOA_N
ClientSampleId :
VN0103WBL01

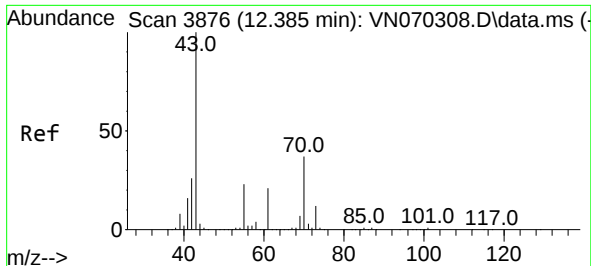
Tgt Ion:173 Resp: 4789
Ion Ratio Lower Upper
173 100
175 901.4 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

Tgt Ion:152 Resp: 491685
Ion Ratio Lower Upper
152 100
115 59.7 27.5 82.5
150 158.9 0.0 344.4

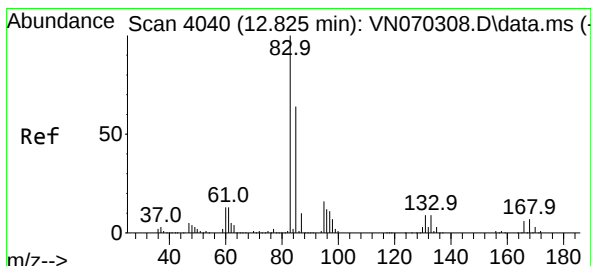
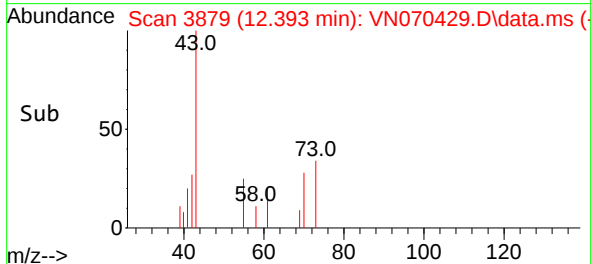
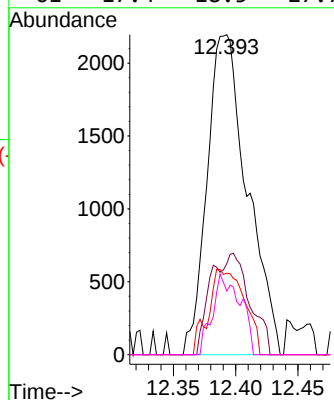
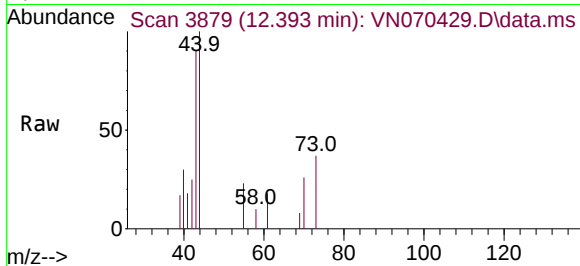




#74
N-amy1 acetate
Concen: 0.256 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.008 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

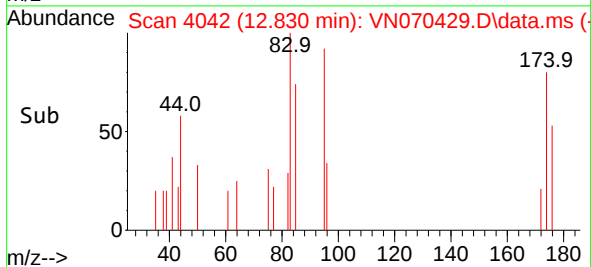
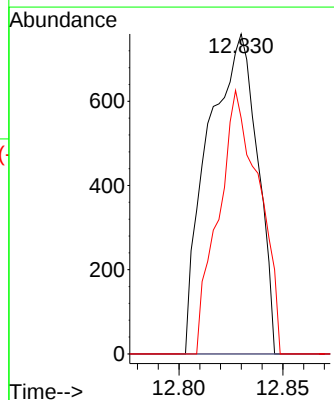
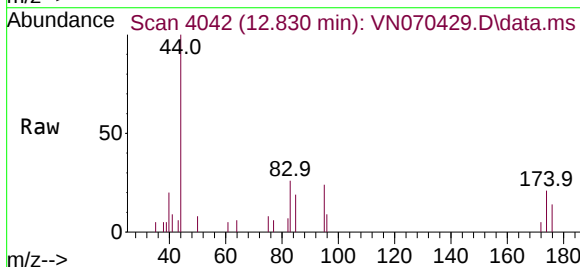
Instrument :
MSVOA_N
ClientSampleId :
VN0103WBL01

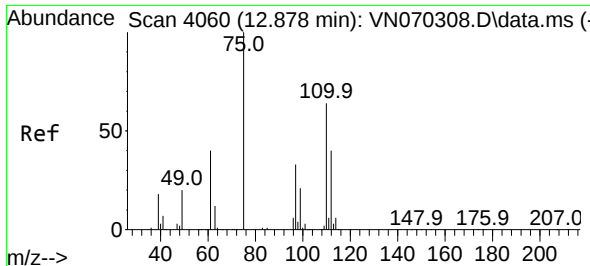
Tgt Ion: 43	Resp:	4924	
Ion	Ratio	Lower	Upper
43	100		
70	10.2	33.4	50.0#
55	21.2	19.3	28.9
61	17.4	18.5	27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.522 ug/l
RT: 12.830 min Scan# 4042
Delta R.T. 0.005 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

Tgt Ion: 83	Resp:	1254	
Ion Ratio	Lower	Upper	
83 100			
131 0.0	5.5	16.5#	
85 68.3	32.4	97.2	

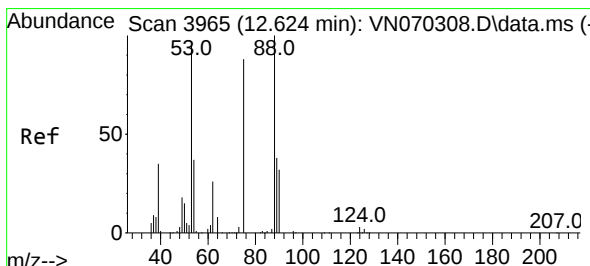
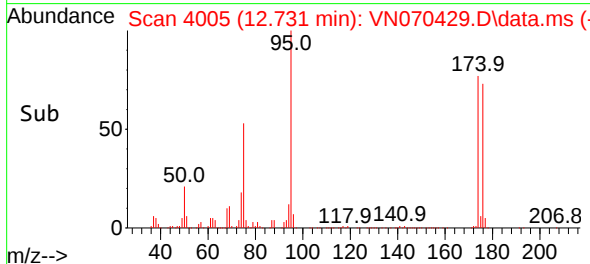
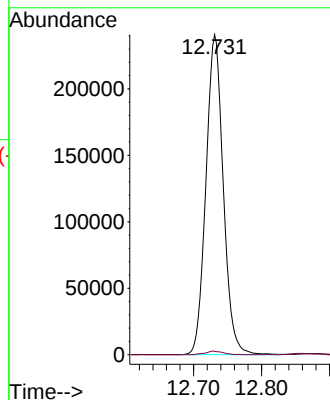
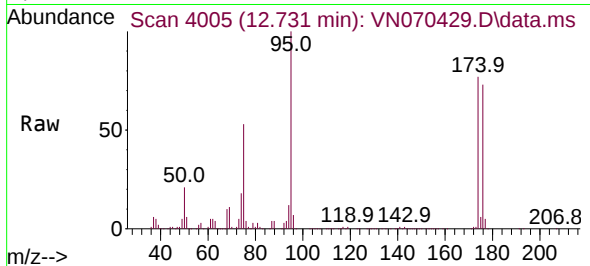




#76
1,2,3-Trichloropropane
Concen: 30.422 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

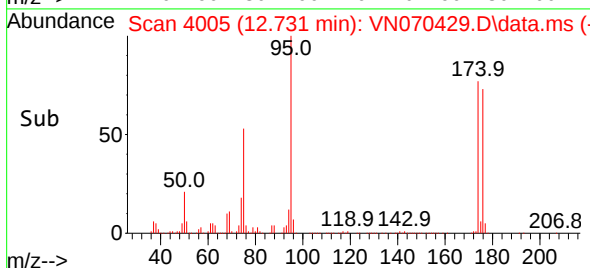
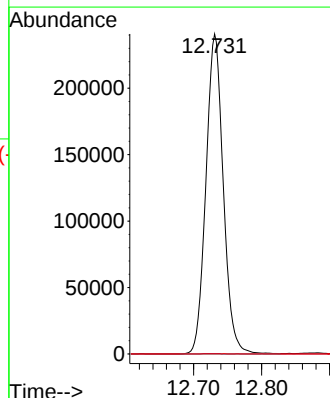
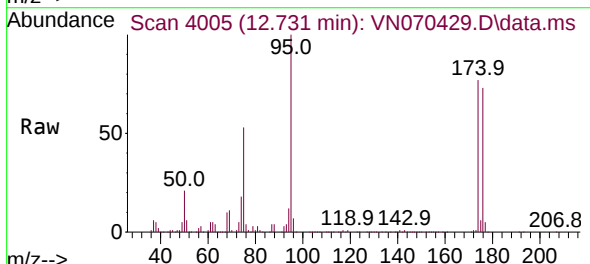
Instrument :
MSVOA_N
ClientSampleId :
VN0103WBL01

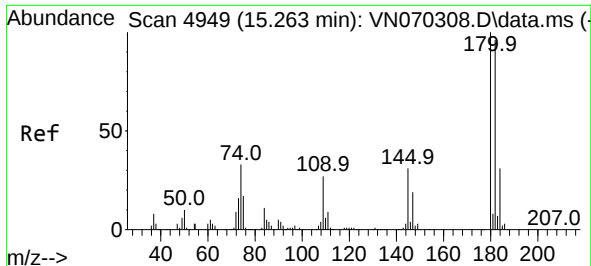
Tgt Ion: 75 Resp: 426353
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.943 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

Tgt Ion: 75 Resp: 426353
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

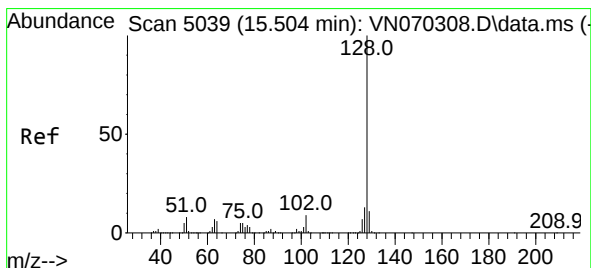
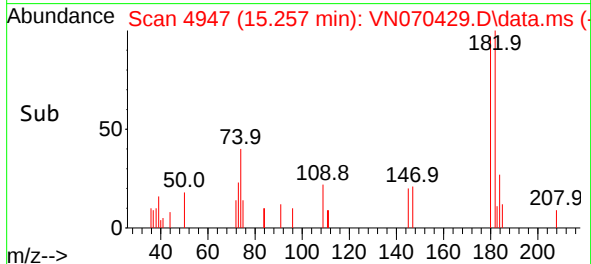
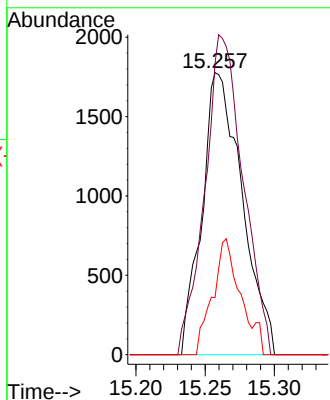
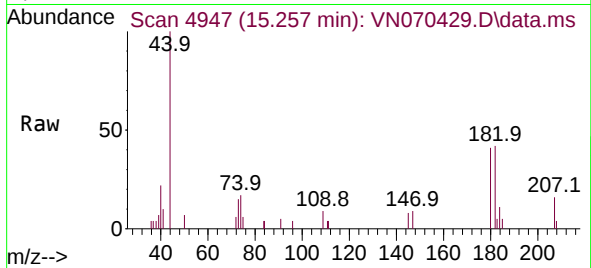




#93
1,2,4-Trichlorobenzene
Concen: 0.442 ug/l
RT: 15.257 min Scan# 4949
Delta R.T. -0.006 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

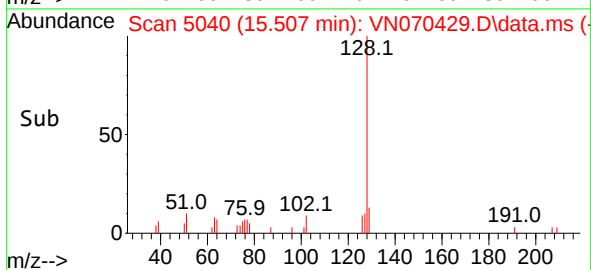
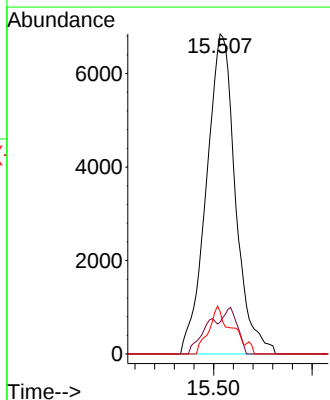
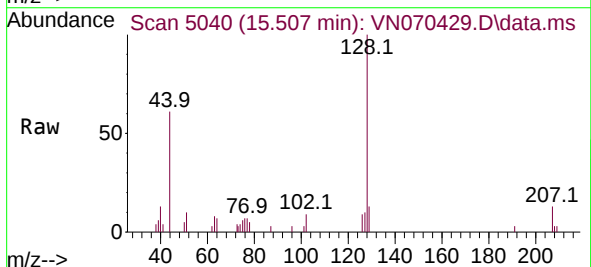
Instrument :
MSVOA_N
ClientSampleId :
VN0103WBL01

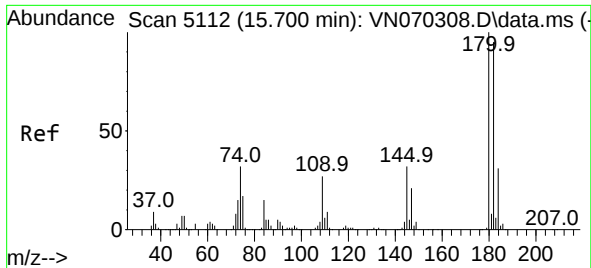
Tgt Ion:180 Resp: 3582
Ion Ratio Lower Upper
180 100
182 108.1 48.3 144.9
145 28.7 14.5 43.5



#95
Naphthalene
Concen: 2.402 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070429.D
Acq: 3 Jan 2022 11:25

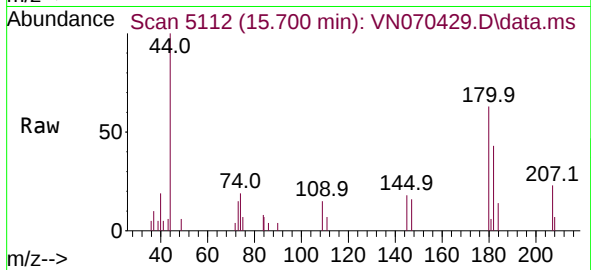
Tgt Ion:128 Resp: 14056
Ion Ratio Lower Upper
128 100
127 6.2 10.5 15.7#
129 12.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.385 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN070429.D
 Acq: 3 Jan 2022 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBL01



Tgt Ion:180 Resp: 4407
 Ion Ratio Lower Upper
 180 100
 182 85.3 47.4 142.2
 145 33.6 15.0 45.1

